

VII. *Description of a new butterfly of the genus Calinaga from Siam.* By JAMES COSMO MELVILL, M.A., F.L.S.

[Read December 7th, 1892.]

PLATE VII.

*Calinaga Sudassana*, sp. n.

♀. Wings: Upper side smoky grey, subhyaline, merging into black towards the outer margin beyond the disco-cellular nervules; primaries elongate-triangular; costa somewhat arched, with whitish grey powdering of scales between this and the subcostal nervules; posterior margin slightly emarginate, having a double series of submarginal white spots in the following arrangement:—Two in the centre of the space between the lowest subcostal and the upper discoidal nervules, two a little wider apart between the two discoidal nervules, two smaller and closer together between the lower discoidal and the first median nervule. Between this latter and the second median nervule the outer spot all but touches the posterior margin; the inner is central, large, and whitish; there is a large grey dash between this and the median nervure, and there are similar markings between the second and third median nervules. Between this last and the submedian nervure the spots and dashes get more conspicuous and almost confluent, merging into the space between the submedian nervure and the anal angle in a long sweep of almost unbroken light grey, nearly corresponding in size to the discoidal cell, which is of a similar colour, with slight central clouding of darker hue; the median nervure is very distinctly clothed with black scales, as in *C. Buddha* (Moore), and the nervules in like manner also are very marked. The secondaries have also a double row of submarginal spots; the discoidal cell and abdominal margin pale hyaline grey, the latter tinged very conspicuously and prominently with bright ochraceous yellow; the median nervure notably clothed with dark black scales, as also the median nervule. Under side as in the upper, but less clearly marked, the black giving way to a suffused brown, and the clear ochre-yellow at the abdominal angle of the secondaries is barely noticeable. Thorax reddish crimson, with long soft hairs. Abdomen black, with scattered black hairs. In the two specimens I

have examined very slight variation in the submarginal spots of the primaries is alone discernible. Expanse of wings, 4 in.

*Hab.* Mountainous regions about 100 miles N.W. of Chieng Mai, Siam. Coll. Richard Roberts, C.E.

Three specimens obtained, which are now in the collections of the Hon. Walter Rothschild, Mr. Hastings Charles Dent, F.L.S., and my own, respectively.

This species is in many respects like the type of the genus, *C. Buddha* (Moore), from N. India (Cat. Lep. in Mus. H. E. I. C., vol. i., pp. 162, 163 (1857)), but a handsomer insect, and principally conspicuous for the bright yellow blotch at the abdominal margin of the secondaries. In size it slightly exceeds that species also. Antennæ, thorax, and abdomen wholly correspond with *C. Buddha*.

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#### EXPLANATION OF PLATE VII.

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- FIG. 1. *Calinaga Sudassana*, sp. n.  
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